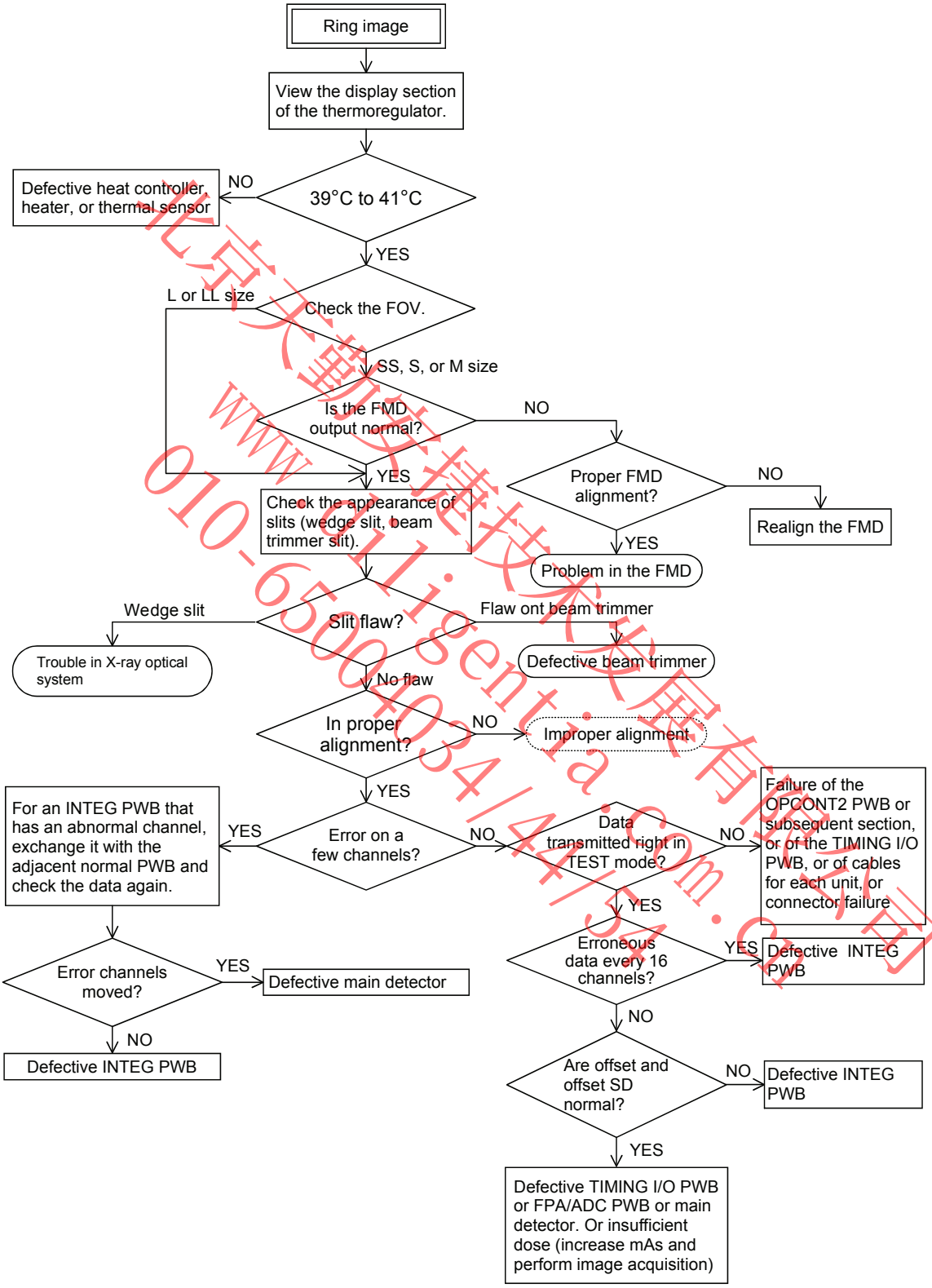
Ring image
View the display section of the thermoregulator.
39°C to 41°C
NO
Defective heat controller, heater, or thermal sensor
YES
L or LL size
Check the FOV.
SS, S, or M size
Is the FMD output normal?
NO
YES
Proper FMD alignment?
NO
Realign the FMD
YES
Problem in the FMD
Check the appearance of slits (wedge slit, beam trimmer slit).
Wedge slit
Slit flaw?
Flaw ont beam trimmer
Trouble in X-ray optical system
Defective beam trimmer
No flaw
In proper alignment?
NO
Improper alignment
YES
For an INTEG PWB that has an abnormal channel, exchange it with the adjacent normal PWB and check the data again.
YES
Error on a few channels?
NO
Data transmitted right in TEST mode?
NO
Failure of the OPCONT2 PWB or subsequent section, or of the TIMING I/O PWB, or of cables for each unit, or connector failure
YES
Error channels moved?
YES
Defective main detector
NO
Defective INTEG PWB
Erroneous data every 16 channels?
YES
Defective INTEG PWB
NO
Are offset and offset SD normal?
NO
Defective INTEG PWB
YES
Defective TIMING I/O PWB or FPA/ADC PWB or main detector. Or insufficient dose (increase mAs and perform image acquisition)